

### 3.14 Site AR-14

Owner: L. Rutherford; Long -94.385133 Lat 36.247800



- Available Data and Analysis:** No soil, sediment, groundwater, or edge-of-field samples have been collected at the site. Surface water samples in the vicinity of Springtown (~2.7 miles from AR-14) have higher P, but are not along the drainage area for this location. The nearest downstream sediment sample (268 mg/kg P) is more than two miles away. The co-located surface water samples ( $P = 0.122$  mg/L and  $0.235$  mg/L) were collected downgradient from the confluence between the receiving stream and drainage from the AR-14 area. There are other potential anthropogenic P sources between AR-14 and these surface water samples. See Appendix B. The next downstream surface water sample ( $0.032$  mg/L P) was collected >10 miles downstream.
- Site Effect on the Watershed:** Based on the available data and analysis, site AR-14 has not affected receiving waters or sediments of the IRW.

### 3.15 Site AR-15

Owner: Breeder Farm #2; Long -94.379066 Lat 36.224983



- Available Data and Analysis:** No soil, groundwater, or edge-of-field samples have been collected on this site. The nearest downstream sediment sample (268 mg/kg P) is more than two miles away. The co-located surface water samples (P = 0.122 mg/L and 0.235 mg/L) were collected downgradient from the confluence between the receiving stream and drainage from the AR-15 area. There are other potential anthropogenic P sources between AR-15 and these surface water samples. See Appendix B. The next downstream surface water sample (0.032 mg/L P) was collected >10 miles downstream.
- Site Effect on the Watershed:** Based on the available data and analysis, site AR-15 has not affected receiving waters or sediments of the IRW.



### 3.16 Site AR-16

Owner: Breeder Farm #1; Long -94.381050 Lat 36.221966



- Available Data and Analysis:** No soil, groundwater, or edge-of-field samples have been collected on this site. The nearest downstream sediment sample (268 mg/kg P) is more than two miles away. The co-located surface water samples (P = 0.122 mg/L and 0.0235 mg/L) were collected downgradient from the confluence between the receiving stream and drainage from the AR-16 area. There are other potential anthropogenic P sources between AR-16 and these surface water samples. See Appendix B. The next downstream surface water sample (0.032 mg/L P) was collected >10 miles downstream.
- Site Effect on the Watershed:** Based on the available data and analysis, site AR-16 has not affected receiving waters or sediments of the IRW.

### 3.17 Site AR-17

Owner: E. Brigance; Long -94.402350 Lat 36.268233

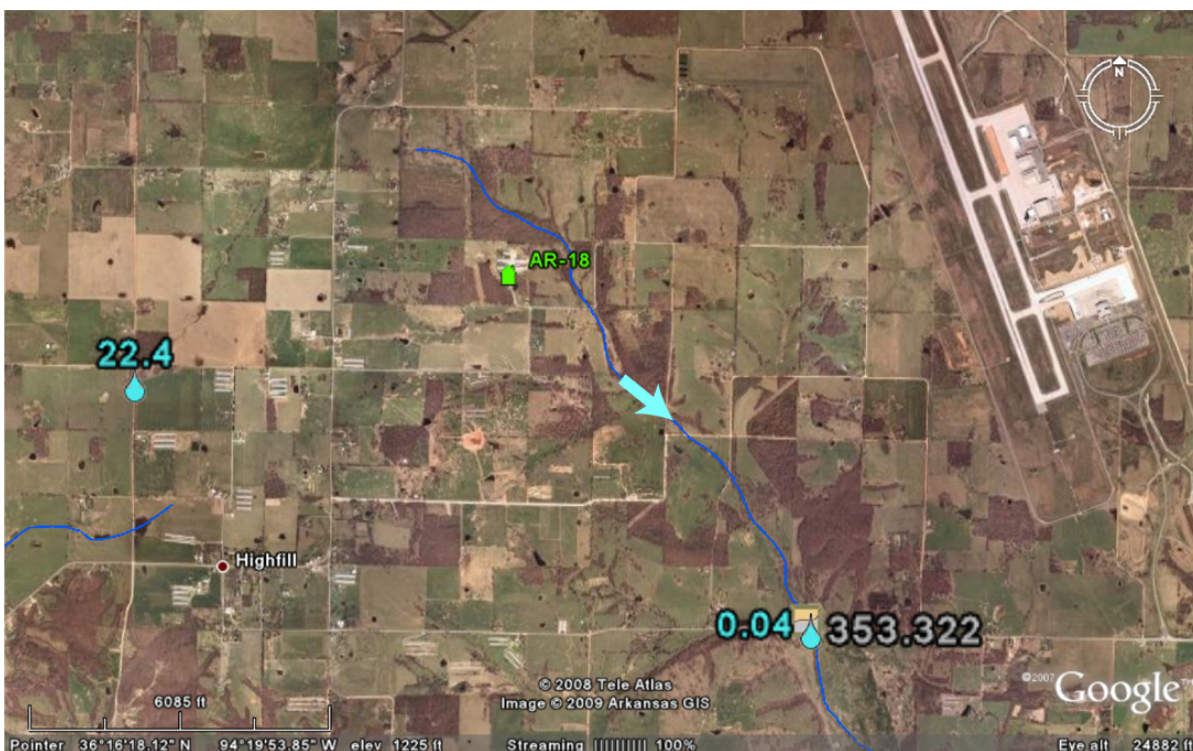


- **Available Data and Analysis:** Samples in the vicinity of Springtown (2.3 miles from AR-17) have higher P, probably due to urban runoff. There are other potential anthropogenic sources of P between AR-17 and the nearest surface water sample. See Appendix B.
- **Site Effect on the Watershed:** Based on the available data and analysis, there is no evidence that site AR-17 is the source of elevated P in receiving surface waters of the IRW.



### 3.18 Site AR-18

Owner: Breeder Farm #5; Long -94.338300 Lat 36.277683



- **Available Data and Analysis:** No soil or groundwater samples have been collected within two miles of the site and no edge-of-field samples were collected from the site. Co-located sediment (353 mg/kg P) and surface water (0.04 mg/L P) samples collected two miles downstream from site AR-18 show no apparent effects on receiving waters. Three miles downstream, an additional surface water sample (0.04 mg/L P) also indicates no effect on surface water from the site.
- **Site Effect on the Watershed:** Based on the available data and analysis, site AR-18 has not affected receiving waters or sediments of the IRW.

### 3.19 Site AR-19

Owner: Reed; Long -94.297083 Lat 36.137150

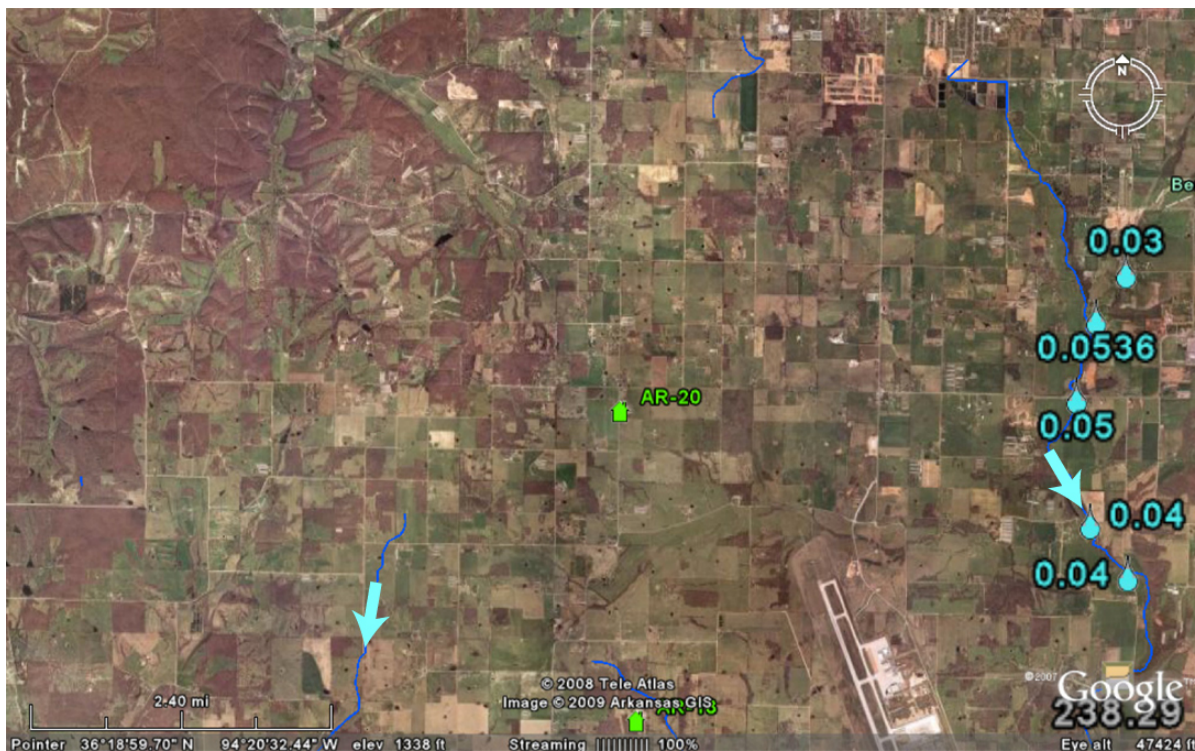


- **Available Data and Analysis:** No soil, sediment, groundwater, or edge-of-field samples have been collected at this site. A surface water sample (0.05 mg/L P) was collected to the north, about two miles from AR-19. There are other potential anthropogenic P sources between AR-19 and this surface water sample. See Appendix B.
- **Site Effect on the Watershed:** Based on the available data and analysis, site AR-19 has not affected receiving waters or sediments of the IRW.



### 3.20 Site AR-20

Owner: T. Lester; Long -94.340600 Lat 36.313183



- **Available Data and Analysis:** No soil, sediment, groundwater, or surface water samples have been collected within a three-mile radius of AR-20. Sediment (238 and 353 mg/kg P) and surface water (0.04 mg/L P) samples from about four miles to the east and south of site AR-20 show no apparent effects from AR-20.
- **Site Effect on the Watershed:** Based on the available data and analysis, site AR-20 has not affected receiving waters or sediments of the IRW.